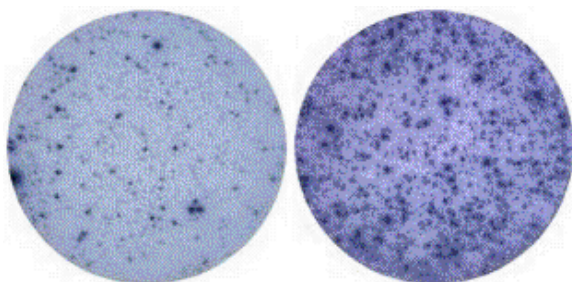


Anti-Mouse TNF alpha Functional Grade Purified

Catalog Number: 16-7325

Also Known As: Tumor Necrosis Factor alpha

RUO: For Research Use Only. Not for use in diagnostic procedures.



Mouse splenocytes (500,000 cells per well) were activated with Anti-Mouse CD3 (cat. 16-0031) for 48 hrs in mouse TNF alpha ELISPOT assay. Control well is medium alone.

Product Information

Contents: Anti-Mouse TNF alpha Functional Grade Purified

REF **Catalog Number:** 16-7325

Clone: 1F3F3D4

Concentration: 1 mg/mL

Host/Isotype: Rat IgM, kappa

Handling Conditions: Use in sterile environment.

Endotoxin Level: Less than 0.001 ng/ug antibody, as determined by the LAL assay.

Formulation: aqueous buffer, no sodium azide



Temperature Limitation: Store at 2-8°C.



Batch Code: Refer to Vial



Use By: Refer to Vial

Description

The 1F3F3D4 antibody reacts with mouse tumor necrosis factor-alpha (TNFalpha), a 17 kDa cytokine produced by monocytes, macrophages, neutrophils, NK cells and CD4(+) T cells.

Applications Reported

The 1F3F3D4 antibody has been reported for use in capture of mouse TNF-α by ELISA and ELISPOT.

Applications Tested

The 1F3F3D4 antibody has been tested as the capture antibody in a sandwich ELISA for analysis of mouse TNF-α (Tumor Necrosis Factor alpha).

The functional grade purified 1F3F3D4 antibody has been tested by LAL assay to verify low endotoxin level and by ELISPOT assay in combination with the biotinylated anti-mouse TNFα XT3/XT22 monoclonal antibody cocktail (13-7326) for detection. This is the recommended antibody pair for mouse TNF-α ELISPOT assay.

References

Lucas, R., K. Heirwegh, et al. Generation and characterization of a neutralizing rat anti-rmTNF-alpha monoclonal antibody. Immunology 1990. 71(2): 218-23.

Related Products

16-0031 Anti-Mouse CD3e Functional Grade Purified (145-2C11)

16-4341 Rat IgM Isotype Control Functional Grade Purified

88-7342 Mouse TNFa (Tumor Necrosis Factor alpha, TNF-alpha, TNF-a) ELISA Ready-SET-Go! Kit (To be discontinued. See replacement item BMS607/2)